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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Jyunichi NAKAMURA *et al.*

Serial No.: 10/649,745

Confirmation No: 5720

Group Art Unit: 2823

Filed: August 28, 2003

Examiner: To Be Assigned

For: MULTILAYERED SUBSTRATE FOR
SEMICONDUCTOR DEVICE

Attorney Docket No.: 060914-0117-US

**TRANSMITTAL OF POWER OF ATTORNEY BY ASSIGNEE REVOKING PREVIOUS
POWERS OF RECORD**

Commissioner for Patents
U.S. Patent and Trademark Office
220 20th Street S.
Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

Applicants' attorney encloses herewith a Power of Attorney by Assignee for the above-identified application.

Please change the attorney docket number to 060914-0117-US. Future correspondence should be forwarded to Christopher G. Hayden, Customer No. **009629**.

No fee is believed due at this time, however, the Commissioner is authorized to charge any fees associated with this communication to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310.

Date June 28, 2004

Respectfully submitted,

Victor N. Balancia

Reg. No. 31,231

Morgan, Lewis & Bockius LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004

(202) 739-3000

Attachment

POWER OF ATTORNEY

The undersigned applicant/assignee:

Shinko Electric Industries, Co., Ltd.

hereby appoint(s) the following persons as agent:

BALANCIA, Victor N. (Reg. No. 31,231); BEARDELL, Louis W. (Reg. No. 40,506); BIRD, Donald J. (Reg. No. 25,323); DOYLE, Kathryn (Reg. No. 36,317); GAYBRICK, Robert J. (Reg. No. 27,890); GOLUB, Daniel H. (Reg. No. 33,701); GOODWYN, R. Tyler (Reg. No. 40,624); KOKULIS, Paul N. (Reg. No. 16,773); LAUB, David W. (Reg. No. 38,708); SMITH, John G. (Reg. No. 33,818); ZELE, John D. (Reg. No. 39,887); OWENS, David R. (Reg. No. 40,756); WILLIAMS, Gary S. (Reg. No. 31,066); BOSWELL, Mary Jane (Reg. No. 33,652); HAYDEN, Christopher G. (Reg. No. 44,751); TUSCAN, Michael S. (Reg. No. 43,210); VEITENHEIMER, III, Erich E. (Reg. No. 40,420); WEIMAR, Elizabeth C. (Reg. No. 44,478); and MCDONALD, James S. (Reg. No. 44,229); all of MORGAN, LEWIS & BOCKIUS LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 United States of America

to represent the undersigned before the United States Patent and Trademark Office in connection with any and all patent applications filed in United States, including National Entry of international applications into the United States and including international applications filed on behalf of the applicant/assignee in the United States Patent and Trademark Office as Receiving Office, wherein Shinko Electric Industries, Co. Ltd., is an assignee thereof, and to make or receive payments on behalf of the undersigned. Assignee further directs that all correspondence be addressed to the Customer Number 009629.

Signature for Shinko Electric Industries, Co.,Ltd.:

Jun-ichi Mogi

Title of Officer signing on behalf of Shinko Electric Industries, Co., Ltd.:

Jun-ichi Mogi, President

Place: Nagano, Japan

Date: June 2, 2004



Filing No.	Filing Date	Patent No.	Grant Date	Our Ref.
08/919,047	19970827	6,011,300	20000104	B468-US-2
08/919,044	19970827	5,904,488	19990518	B468-US-3
08/386,907	19950208	5,532,900	19960702	B469-US
08/502,811	19950714	5,732,465	19980331	C215-US
08/960,336	19971029	5,918,746	19990706	C215-US-1
08/713,551	19960913	5,804,422	19980908	D199-US
08/698,624	19960816	5,777,386	19980707	D200-US
08/695,387	19960809	5,744,758	19980428	D201-US
08/786,615	19970117	5,886,415	19990323	D391-US
09/168,148	19981008	6,121,688	20000919	D391-US-1
08/875,484	19961206	5,994,771	19991130	D907-US
08/827,655	19970409	5,922,480	19990713	E079-US
08/826,065	19970324	5,889,531	19990330	E080-US
08/828,166	19970327	5,936,642	19990810	E081-US
09/316,391	19990521	6,008,822	19991228	E081-US-1
08/858,846	19970519	5,847,458	19981208	E082-US
08/855,416	19970513	5,924,024	19990713	E084-US
08/895,145	19970716	5,918,113	19990629	E125-US
08/871,419	19970609	5,919,546	19990706	E126-US
08/841,707	19970430	5,943,212	19990824	E127-US
08/909,594	19970812	6,147,311	20001114	E302-US
08/929,812	19970915	5,905,634	19990518	E307-US
09/270,625	19990317	6,081,426	20000627	E307-US-1
08/965,653	19971106	6,184,567	20010206	E341-US
09/021,047	19980209	6,074,567	20000613	E494-US
09/045,919	19980323	6,030,512	20000229	E496-US
09/044,805	19980320	6,025,672	20000215	E511-US
09/117,551	19971204	6,150,194	20001121	E882-US
09/071,875	19980501	6,093,476	20000725	F061-US
09/079,881	19980515	6,069,406	20000530	F067-US
09/476786	19991230	6,248,615	20010619	F067-US-1
09/066,882	19980427	6,060,779	20000509	F070-US
09/085,361	19980527	5,945,688	19990831	F079-US
09/195,831	19981119	6,271,478	20010807	F120-US
09/092,845	19980605	6,229,099	20010508	F123-US
09/211,797	19981215	6,192,579	20010227	F273-US
09/211,806	19981215	6,194,668	20010227	F275-US
09/243,507	19990201	6,254,758	20010703	F400-US
09/251,528	19990217	6,194,820	20010227	F401-US
09/240,652	19990129	6,097,101	20000801	F402-US
09/285,971	19990405	6,081,038	20000627	F405-US
09/262,057	19990304	6,281,592	20010828	F406-US
09/194,733	19980403	6,110,755	20000829	F823-US
09/376,606	19981224	6,303,998	20011016	F921-US

Filing No.	Filing Date	Patent No.	Grant Date	Our Ref.
09/402,946	19990210	6,252,777	20010626	F959-US
09/347,909	19990706	6,256,207	20010703	G164-US
09/388,080	19990831	6,221,749	20010424	G165-US
09/358,053	19990721	6,259,038	20010710	G168-US
09/383,577	19990825	6,333,211	20011225	G169-US
09/488,087	20000120	6,340,841	20020122	G316-US
09/444,642	19991122	6,420,664	20020716	G317-US
09/450,140	19991129	6,335,493	20020101	G318-US
09/443,369	19991119	6,434,819	20020820	G325-US
09/464,232	19991215	6,198,169	20010306	G341-US
09/468,060	19991220	6,404,214	20020611	G344-US
09/531,273	20000320	6,339,261	20020115	G352-US
09/482,337	20000114	6,472,745	20021029	G422-US
09/514,272	20000228	6,557,767	20030506	G433-US
09/531,376	20000321	6,285,083	20010904	G434-US
09/535,246	20000327	6,307,148	20011023	G439-US
09/492,924	20000128	6,577,991	20030610	G441-US
09/535,247	20000327	6,535,222	20030318	G442-US
09/573,503	19990701	6,631,847	20031014	G842-US
09/492,923	19990528	6,255,725	20010703	G843-US
09/539,117	19990803	6,455,786	20020924	G886-US
09/523,149	20000310	6,418,615	20020716	H020-US
09/564,682	20000504	6,200,888	20010313	H022-US
09/559,039	20000427	6,186,389	20010213	H021-US
09/502,446	20000211	6,413,404	20020702	E496-US-1
09/557,292	20000425	6,285,087	20010904	E882-US-1
09/548,605	20000413	6,629,366	20031007	H023-US
09/591,785	20000612	6,420,787	20020716	H063-US
09/615,558	20000713	6,465,886	20021015	H066-US
09/616,139	20000713	6,407,460	20020618	H067-US
09/602,073	20000623	6,380,614	20020430	H077-US
09/669,728	20000926	6,331,679	20011218	E302-US-1
09/663,720	20000915	6,279,816	20010828	H021-US-1
09/669,729	20000926	6,544,428	20030408	E302-US-2
09/717,056	20001121	6,380,061	20020430	G341-US-1
09/768,607	20010125	6,452,806	20020917	F959-US-1
09/781,302	20010213	6,452,115	20020917	F123-US-1
09/815,047	20010323	6,441,314	20020827	H020-US-1
10/013,398	20011213	6,548,326	20030415	H063-US-1
10/020,222	20011218	6,577,000	20030610	G169-US-1
10/207,259	20020730			H020-US-2
10/323,645	20021220			G397-US-1
10/281,163	20021028			K222-US
10/649,745	20030828			K222-US-1